First and Final Bill

M. A. R. 57 (Rule 116)

Measurement Book

No. E 559075

Serial No. Improvement of Roads and Drains in Sahakaranagara and surrounding

Name of work areas in ward No:08 From Kodigehalli To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost:	Rs. 15 00 lakhs					
	Job code:	008-22-000005 P3726					
	work order:	BBMP/EE/BTP/wo/29/2022-23 Dt. 26/04/2022.					
	Date of Recording:	03-08-2020					
	1) Removing and refixing stone slabs of drains and paving in CM (1:3)						
	Qty as per Premeasurement Recorded vide page no. 559089 of this MB is					57.75 m² @ Rs. 110.05/m²	6355-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2) Earth work excavation by manual means for Roads, drains & similar works in ordinary soil excavated Surface levelled and ridges neatly dressed the disposal earth to be levelled neatly after breaking of clods complete as per specification Qty as per premeasurement Recorded vide page no 559089/1 to 90 of this MBS is					174.08	m3
						@ Rs. 202.50/m3	35251.00
	3) Providing and laying plain cement concrete 1:3:6 mix with OPC 220 kgs with crushed stone aggregates 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.446 cum and the mixed concrete laid in layers not exceeding 15 cm thick well compacted in						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 559076

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Reference to last Measurement 8	Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
35251·00		Foundation including cost of all materials labour HOH & curing complete as per specification Qty as per pre measurement Recorded vide Page No. 559090 to 91 & this MB = 20·51 m³ @ Rs. 4000·00/m³						82040·00
	4)	Providing TMT bars Fe 500 steel reinforcement for RCC work including straighting, cutting, bending hooking placing in position lapping and /or welding wherever required tying with binding wire and anchoring to the adjoining members wherever needed						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labours HOM of machinery complete as per specification Qty as per pre-measurement Recorded vide page No. 55 to 81 of this MB 2.51 Rmtrs @ Rs. 78,600.00/Rmtr						197880.00
5)	providing laying plain / reinforced cement concrete for side drains using M20 nominal mix concrete with specified 30c long with 20mm and down size granite metal coarse aggregate at 0.8 cum and fine aggregates as crusher dust for the required well compacted for wall and bottom including centering, shuttering cost of materials HOM of machinery complete						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 559077

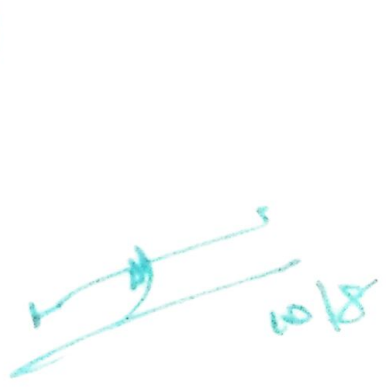
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Bottom Raft culvert						
	13th Main Sahakaranagara	1	10.50	1.60	0.15	2.52	
	B Block 12th Main	1	11.70	1.60	0.15	2.81	
		1	10.50	1.60	0.15	2.52	
	11th Main Sahakaranagara	1	10.40	1.60	0.15	2.50	
	B Block						
	RCC Drain						
	21st Cross Sahakaranagara	1	15.00	0.90	0.15	2.03	
	B Block	1	16.10	0.90	0.15	2.17	
	12th Main Road Sahakara	1	15.00	0.90	0.15	2.03	
	nagara	1	15.00	0.90	0.15	2.03	
		1	15.00	0.90	0.15	2.03	



MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	5.50	0.90	0.15	0.74	
	Side walls Culverts						
	13th Main Sahakaranagara B Block	2	10.50	0.25	0.60	3.15	
	12th Main	2	11.70	0.25	0.60	3.51	
		2	10.50	0.25	0.60	3.15	
	11th Main Sahakaranagara B Block	2	10.40	0.25	0.60	3.12	
	RCC Drain						
	21st cross Sahakaranagara	2c	15.00	0.15	0.60	2.70	
		2	16.10	0.15	0.60	2.90	
	12th Main Sahakaranagara	2	15.00	0.15	0.60	2.70	
		2	15.00	0.15	0.60	2.70	
		2	15.00	0.15	0.60	2.70	
		2	5.50	0.15	0.60	0.99	

10/8/22

Assistant Engineer
Jayanagar Sub Division

M. A. R. 57 (Rule 116)
Measurement Book

No. E 559078

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	49 70	8
						48.98 m³	
						Qty limited to 48.94 m³	
						@Rs. 6454.00/m³	317816.00
	b) Providing and fixing pre cast covering Slab 100 mm thick made out of CC jelly 20 mm down size with steel reinforcement including formwork curing including cost & all materials, labours, hire charges of machinery loading unloading local and lift, Transportation etc complete as per specifications covering slab						
	214 Cross Sahakaranagara	1	15.00	0.90		13.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	16.10	0.90		14.49	
	12th Main Sahakaranagara	1	15.00	0.90		13.50	
	B Block	1	15.00	0.90		13.50	
		1	15.00	0.90		13.50	
		1	5.50	0.90		4.95	
		1	10.50	1.50		15.75	
	11th Main Sahakaranagara	1	10.40	1.50		15.60	
	'D' Block	1	15.00	0.90		13.50	
		1	15.00	0.90		13.50	
		1	3.20	0.90		2.88	
		1	15.00	0.90		13.50	
		1	15.00	0.90		13.50	
		1	3.50	0.90		3.15	
						164.82 sq.m	
			Qty. limited to			164.44 sq.m	279922.10
						@ Rs. 1700.00/sq.m	

Assistant Executive Engineer
Kodigehalli Sub Division

M. A. R. 57 (Rule 116)
Measurement Book

No. E 559073

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	7) Supplying and fixing precast reinforced concrete slab 200 mm thick including cost of reinforcement as per design and drawing materials cost, transportation hire charges of machine cutting the vertical face to get plain even surface etc complete with all lead and lift.						
	Culvert Deck slab						
	13th Main Sahakaranagara	1	10.50	1.50	-	15.75 m²	
	'B' Block						
	12th Main Sahakaranagara	1	11.70	1.50	-	17.55	
						33.30 m²	
		CAR		Qty limited		28.80 m²	
					@Rs.	5000-00/m²	144000-00

Assistant Executive Engineer
Kodigehalli Sub Division

279922-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Sub total		—	10,63,264·00
				GST @ 12%		—	1,27,592·00
				Grand total		—	11,90,856·00
				Round off			11,90,800·00

10/08/22

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

certificate:

1. Certified that the contractor has done the work satisfactorily.
2. Certified that the contractor has clear all the claims from the work spot.
3. Certified that there is no departmental claims with the contractor.

Serial No.
Name of w
Name of C
Date of co

Date
1

M. A. R. 57 (Rule 116)
Measurement Book

No. E 559080

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Sahakaranagara 'B' Block				
	13th Main Road						
	21st Cross Road						
	31.60m						
		50.50m					
	12th Main Road						
				11th Main Road			
						INDEX - Culverts - RCC Drain	

Assistant Executive Engineer
Kodigehalli Sub Division

1st & final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	P3726 (Escrow Account)						
ಲೆಕ್ಕಶೀರ್ಷಿಕೆ	Zonal Public Works - Pow works		T+TB	1190800	1st & final		
ಬಿಲ್ಲು ಮೊತ್ತ	1190800/-		It	11908			
ಇತರೆಲ್ಲ ಮೊತ್ತ	58000/-		CGST	10632			
ಮಾಡುಮೊತ್ತ	1132800/-		SGST	10632			
			CEM	11908			
			CBF	1191			
FT/MB			LR	11729			
ಲೆ.ಶೀರ್ಷಿಕೆ ನಿರ್ವಾಹಕರು	Vasanth		Deduction	58000			
12/8/22			Net Payable	1132800			